

## Sony CVC 2000 Video Camera



The CVC-2000 video camera was marketed for use with the early CV 2000 series of video recorders. It was sold as an accessory for the CV-2000 and CV-2000D videotape recorders. The camera was also an accessory for use with the TCV-2010 and 2020. This model included in a single case a CV deck and monitor. The CV-2020 was housed in a walnut cabinet, and included a "timing device which may be preset to record programs while the owner is away from home".

The VCK-2000 Camera Kit contained the CVC-2000 camera, tripod, camera cable, microphone, AC extension cord in a case.

## World of Home Entertainment

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Illustrated is the world's newest home entertainment equipment, SONY'S home Videocorder. The unit is designed to record information in black and white with sound for viewing whenever desired.

### FEATURES: Videocorder TCV-2010

- Simple operation, similar to ordinary tape recorders.
- **SLOW SPEED RECORDING—SONY'S SPECIAL FEATURE.**
  - Tape speed is only 7 1/2 inches per second.
  - Tape is only 1/2" wide.
  - Uses only 3" reels for one full hour of continuous recording.
  - Tape consumption is low.
  - Tape breakage is minimal.
  - Mechanical durability is assured.
- Solid state circuitry further assures durability.
- A home tape library of outstanding television programs can be created.
- Tapes can be updated and edited.
- Tapes can be erased for new recordings.
- Videocorder screen can be used as a normal TV screen.
- Operates on regular household AC current.
- Has carrying handles for easy portability.

### FEATURES: Videocorder TCV-2020

- The Videocorder model TCV-2020 has all the features of the TCV-2010 except for the carrying handles. In addition:
- Based in a beautiful walnut cabinet.
  - Has timing device which may be preset to record programs while the owner is away from home.

Videocorder Model TCV-2010 and video camera kit Model VCK-2000 pack into cases for easy portability.



For more versatile usage of the Videocorder, SONY has developed the VCK-2000 Video Camera Kit. Using this kit, recordings of any event can be taped with sound for immediate replay on the Videocorder screen. Therefore, a home tape library of important events can be built. Athletes, actors, singers or musicians can record their own performances and study them for improvement. Parties, celebrations and other public events can be recorded on tape for showing at any time in the home. Any family activity such as parties, anniversaries, or weddings can be permanently recorded and stored in the home tape library. Recorded tapes can be played back immediately with no time waiting for developing or processing.

### FEATURES: Video Camera Kit VCK-2000

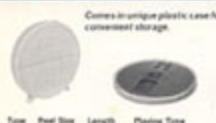
- **Covers complete—camera with standard lens, camera cable, AC cord, signal, microphone are all in one portable case.**
- Operation of the camera is simple.
- Camera is compact in size.
- Teletext and wide angle lenses can be used.
- Camera has viewfinder. Videocorder screen can also be used as a monitor when recording.
- Camera is solid state—maintenance free.
- Operates on regular household AC current.

### Video Camera Kit VCK-2000

|                            |                                    |
|----------------------------|------------------------------------|
| Video Camera:              | VCK-2000                           |
| Lens:                      | VCL-1.0                            |
| Camera Cord:               | CCF-5, 16.5 ft.                    |
| Microphone:                | F-875M (cardioid), uni-directional |
| AC Extension Cord:         | 10 feet                            |
| Microphone Extension Cord: | EC-5M, 16.5 feet                   |
| Case Size:                 | 24.5" H x 11.3" D x 4.7" W         |
| Weight:                    | 20 lbs.                            |

## SONY VIDEO TAPE

## MICROPHONE MODEL F-87



Comes in unique plastic case for convenient storage.

| Type | Reel Size | Length   | Playing Time |
|------|-----------|----------|--------------|
| V-22 | 2"        | 2370 ft. | one hour     |
| V-31 | 3"        | 4280 ft. | 1 1/2 hour   |

### REELS FOR SONY VIDEO TAPE

| Type   | Reel Size |
|--------|-----------|
| for TV | 3"        |



Quality dynamic microphone of cardioid directional pattern.

|                     |                            |
|---------------------|----------------------------|
| Directivity:        | Uni-directional (cardioid) |
| Frequency Response: | 100-12,000 cps             |
| Output Impedance:   | Low impedance (600 ohms)   |
| Output Level:       | -5.7 db                    |

### MODEL CVC-2000

|                    |                                 |
|--------------------|---------------------------------|
| Size:              | 3.5" (H) x 5.1" (W) x 9.7" (D)  |
| Weight:            | 5.9 lbs.                        |
| Standard Lens:     | F1.9, 20mm, C-mount             |
| Video Tube:        | SONY MODEL                      |
| Maximum Luminance: | 100 lux (F1.9 lens)             |
| AGC Range:         | 100 lux to infinite (F1.9 lens) |
| Power Source:      | AC 117V-60 c/s                  |
| Power Consumption: | 10 W                            |
| Transmitters:      | 25                              |
| Distortion:        | 25                              |



### Background and Development of the Videocorder

In 1961, following years of extensive research and development, SONY announced the world's first monomagnetic video tape recorder and two years later SONY's video tape recorder model PV-100 appeared. Demands were immediate—hospitals, universities, research laboratories, space installations and major airlines are only a few satisfied customers. SONY is proud of its strong background in the manufacture of Videocorder components.

**Consider the worldwide built.** SONY has a massive factory, producing the highest quality machines in the world. These unique SONY machines, used in the Videocorder, assure constant SONY quality control.

**Consider tape.** Tape of the highest quality is essential for SONY'S unique slow speed recording system. SONY manufactures its own tape for video recordings, tape with long life, great sound and picture clarity and constant SONY quality control.

**Consider sound tape recorders.** SONY is one of the world's largest manufacturers of high quality fidelity sound tape recorders. This background and reputation assures SONY quality in the Videocorder. With this heavy backlog of experience, the world's newest home entertainment development is beyond equal in its field.

SONY CORPORATION OF AMERICA • 580 Fifth Ave., New York, N.Y. 10016

District Office:  
Western: 580 West Plomosa Avenue, Redwood, Calif.  
Central: 3334 N. Milpitas Parkway, Sunnyvale, Illinois 60088

PH-1000-10-1000



*Important programs may be seen (top) and time spent.*

## SONY's Home Videocorder

### What is a Videocorder?

A "video tape recorder" is an instrument which records both picture and sound on tape, much in the same manner as an ordinary tape recorder records sound only. Professional video tape recorders have been in use for several years in many fields, notably television, where programs are recorded on tape for later broadcasting.

Today, SONY takes a giant stride forward with a low priced home video tape recorder, called the SONY Videocorder. Its operation is similar to that of an ordinary tape recorder. With the flip of a switch, the owner may either transcribe a television program on tape for later viewing or playback a recorded tape. By the use of the Videocorder, important programs can be recorded on tape in the owner's absence. Also, if two important programs are broadcast simultaneously, one may be taped on the Videocorder while the other is viewed on a second TV set. In fact, a home tape library may be built of news, sports or dramatic television programs.

With the use of SONY's Video Camera Kit, a new era of enriched home entertainment has truly begun. Using the simple-to-operate SONY Video Camera and Microphone, anyone may easily record family events, or even their own sports activities for study and improvement. It is easy to use the tremendous advantages of video tape recording. Any recording may be viewed immediately with no tiresome waiting for developing or processing. These home video recordings may be included in the home tape library.



*Family events may be recorded on tape.*

SONY's home use Videocorder, the newest major breakthrough in magnetic recording technology, compact in size and low in cost, makes it possible for many people to enjoy the excitement of video recording in their own home!

"With the use of SONY's Video Camera Kit, a new era of enriched home entertainment has truly begun. Using the simple-to-operate SONY Video Camera and Microphone, anyone may easily record family events, or even their own sports activities for study and improvement. It is easy to see the tremendous advantages of video tape recording. Any recording may be viewed immediately with no tiresome waiting for developing or processing. These home video recordings may be included in the home tape library"

Weight: 5.9 lbs.

Standard lens: F1.9 25mm C mount

Vidicon tube: SONY M2016

Minimum Luminance: 100 Lux (F1.9 lens)

AGC range: 100 lux to infinite (F1.9 lens)

Power source: AC 117V  $\pm$  60 c/s

Power consumption: 10 W

Transistors: 26

Diodes: 25